Syllabus

Course: Introduction to solid state physics, Fall 2014 Instructor: Dr. Pengcheng Dai,
Room 362 Brockman Hall, 713-3483731 or 865-6078067, e-mail: pdai@rice.edu
Class: T.R. 10:50-12:05 Brockman Hall 103, Textbook, Kittel 8th edition
Office hours: T. R. 12:05-1:05 pm

Date	Chapter (Sections)	Homework problems will be assigned each week, and due days are listed
Aug. 21,23	Chapters 1	3, Due 09/03/2018
Aug. 28, 30	Chapters 2	3, 4， 7, due 09/10/2018
Sept. 4, 6, 11,13	Chapters 3, 4	Chap. 3, #2, 5; Due 09/17/2018; Chap. 4, #2, 6; Due 09/24/2018
Sept. 18, 20	Sept. 25, 1st exam, chapters 1-5	Chap 5, #1, #4, due 10/01/2018
Sept. 27, Oct. 2	Chapter 6	Chap 6, 1, 2， 3, 5,
Oct. 4	Chapter 6	Chap 6 home work due 10/15/2018
Oct. 11, 16	Chapter 7	#2,3, Due 10/29/2018
Oct. 18, 23	Chapter 8	#1,2,4 Due 11/05/2018
Oct. 25	2nd exam	Will cover 6-8
Oct. 30	Chapter 9	
Nov. 1	Chapter 9	#,2 4, 5 Due 11/12/2018
Nov. 6, 8	Chapter 10	#1,2, 3, Due 11/19/2018
Nov. 13,15	Chapter 11	#1,2,4, Due 11/26/2018
Nov. 20,	Chapter 12	
Nov. 27	Chapter 12	#1,2, Due 12/03/2018
Nov. 29	Review session	

Class attendance is expected. You are responsible for the material that will be covered in class and for all the homework problems assigned each week. The assigned homework will be graded each week. The home work needs to be done independently, and all home works have assigned deadlines.

You will have at least one week of time to do the homework. Study by consulting first your class notes and then finding the appropriate material in your textbook. Study carefully the problems that are worked out in your textbook.

There will be three closed book exams; the first two will contribute 22.5% each. The final exam will be comprehensive and it will carry 35% of the total weight. There will be no makeup exams for midterms.

The home work assigned each week will take 10% of the total weight in the final grade. The attendance will take a total of 10% of the final grade.

A CALCULATOR is required.

Talking or disturbing the class in any other way will not be tolerated.

Come and talk to me about any concerns you might have regarding this course.

For each exam, you will be allowed to bring your textbook and class notes but nothing else. You can use your calculator, but no other materials are allowed in the exams.

Rice Honor Code: In this course, all students will be held to the standards of the Rice Honor Code, a code that you pledged to honor when you matriculated at this institution. If you are unfamiliar with the details of this code and how it is administered, you should consult the Honor System Handbook at http://honor.rice.edu/honor-systemhandbook/. This handbook outlines the University's expectations for the integrity of your academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process.

Disability Support Services: If you have a documented disability or other condition that may affect academic performance, you should: 1) make sure that this documentation is on file with Disability Support Services (111 Allen Center, adarice@rice.edu, x5841) to determine the accommodations you need; and 2) talk with one of the instructors to discuss your accommodation needs.

Syllabus Change Policy: This syllabus is only a guide for the course and is subject to change with advanced notice.